

# Leonardo Araujo Sarmiento

Serra, Espírito Santo, Brasil

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*Portfolio:* [leosarmiento.com](https://leosarmiento.com)

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## Resume

Software Engineer focused on web and mobile application development for multiple clients at the (ISTEO) Instituto SENAI de Tecnologia — Eficiência Operacional.

I have experience in **React**, **React Native**, and **TypeScript** for *frontend* development, and **Nest.js** for **REST API** integration on the *backend*. Additionally, I am pursuing specialization in **Software and Solutions Architecture**, focusing on **Cloud** technologies and scalable architectures.

Currently, I am working on an innovative project for health and occupational safety professionals, where I use **Bluetooth** data capture with sensors, *offline-first* storage, and real-time data visualization. Key technologies include **Expo**, *react-native-ble-plx*, *Redux-toolkit*, **Tanstack Query**, *React-hook-form*, and *Zod*.

I have also contributed to the development of a *PWA* for the mental health sector, enabling the management of appointments and health data for company employees. The solution includes a control panel for data management by companies and partner clinics.

### Hard Skills:

#### - Frontend:

- React
- React Native
- TypeScript
- Expo

#### - Backend:

- Nest.js
- TypeORM
- SQLite
- REST API Integration

#### - Mobile Development:

- Expo
- React Native with BLE  
(Bluetooth Low Energy)
- Offline-first architecture

#### - State Management:

- Tanstack Query
- Redux-toolkit
- Zustand

#### - Form Management:

- React-hook-form
- Zod (validation)

#### - Cloud:

- AWS (currently studying in post-graduate course)

## Professional Experience



### Software Development Fellow

Sistema Findes

Fev 2023 - Currently (+1 year)

- Working on software, **web and mobile** development projects, focusing on the **front end**.
- Communicating with clients to define functional requirements and project development status.
- I took part in **5** innovative projects with **5** companies, helping to develop them and securing **R\$+1,200,000** in funding.
- Development of projects using *React, React Native, TypeScript, Expo, React Query, Axios, Zod, React-hook-form, React-native-ble-plx, Redux Toolkit, REST API and Agile Methodologies*.

### Laboratorian

LABMATERIAIS

Fev 2021 - Jun 2021 (5 meses)

Development of activities related to all the stages of the concrete compressive strength test, including participation in the concreting of the client's site, carrying out the concrete slump test; demoulding of specimens obtained during concreting at the client's site; identification and storage of the specimens in the wet chamber; maintenance of the molds used in concreting; concrete compressive strength test; disposal of broken specimens; creation of the test certificate for each invoice.

## Education



### XP Educação

Postgraduate, Software Architecture and Solutions

Nov 2023 - Set 2024

Specialization in the entire cycle of a software project, its requirements, structuring and management. Both for software in the Software Architecture area and for the Cloud with Solutions Architecture.



### Faculdade UCL

Bachelor of Engineering, Civil Engineering 2014 –

2021

## Projects

- Project focused on business process management methodology;
  - Creating an environment in which users use BPMN to manage the company's business processes.
  - **Skills:** React.js · TypeScript · BPMN
- Project aimed at professionals in the industrial sector;
  - This project involves capturing data via a Bluetooth connection with various sensors, storing this data in the application with React-Native and displaying the data in real

time and also by means of graphs. The application is integrated with a REST API, where all the data collected will be available for the company to analyze.

- **Skills:** Expo · React Native · Bluetooth Low Energy · React Query · Redux Toolkit · SQLite · TypeScript · REST APIs
- Project aimed at professionals in the occupational health and safety sector;
  - This project involves capturing data via Bluetooth connection with various sensors, storing it in the application with an offline-first approach and displaying the data via real-time graphs.
  - **Skills:** Expo · React Query · React Native · Redux Toolkit · TypeScript · SQLite · Bluetooth Low Energy
- Health sector project;
  - Developed a management system for companies to analyze their employees' mental health data. This involved creating a progressive web application (PWA) for employees to manage their appointments, the clinics available for consultations and mental health forms. A separate website was also developed for the company and clinics to manage all their employees' data, appointments and forms.
  - **Skills:** Progressive Web Applications (PWAs) · React.js · Agile Methodologies · Axios · TypeScript

## Certifications



### C# Fundamentals – Balta.io

Certification of completion of the C# fundamental skills development course.



### Software Architect - XP Educação

Certificate of completion of the professional training course for Software Architects, from March 14, 2024 to May 27, 2024, with a duration of 148 hours, by XP Educação.



### Culture & People - Persora

Culture & People Journey. The results of this journey are: self-knowledge and interpersonal relationships; strengthening cultural fit; and leadership development.



### Solutions Architect - XP Educação

Certificate of completion of the “Top Performance” level of the Solutions Architect professional training course, from November 16, 2023 to February 13, 2024, with a duration of 148 hours, by XP Educação.



## **EF SET English Certificate 70/100 (C1 Proficient) - EF Standard English Test (EF SET)**

The level achieved is 70/100 on the EF SET and C1 Advanced score scale according to the Common European Framework of Reference (CEFR).



## **Carrefour Web Developer - DIO**

08603236

Certification of completion of the Bootcamp focused on software development using technologies such as JavaScript, HTML, CSS, React.js and agile methodologies.



## **SQL Fundamentals Track - DataCamp**

#299,084

Certification of completion of the SQL fundamental skills development course.



## **Trainee Grupo Carrefour Brasil – Black Leadership - DIO**

9FE31E7C

Certification of completion of the Bootcamp focused on project methodologies and leadership.



## **Semana Spring React, edição SDS 8.0 - DevSuperior**

5966220

For the successful completion of the development and deployment, under our guidance, of a static website using HTML and CSS. This achievement was obtained at the Spring React Week event, SDS 8.0 edition, which took place from 09/05/2022 to 15/05/2022.

## **Skills**

React.js • TypeScript • React Native • Agile Methodologies • Redux.js • JavaScript • Bluetooth  
Low Energy • REST APIs • Cloud Computing • Tanstack Query • Tanstack Router • Expo •  
Next.js • Nest.JS